

Properties of the AHU casing resulting from the norm PN-EN-1886:2008

Mechanical strength of the casing - class 2A

Airtightness of the casing – class A

- at the underpressure 400 Pa - class L1

- at the underpressure 700 Pa - class L1

Airtightness of fastening of the filter

- at the underpressure 400 Pa - filter class F9

- at the underpressure 400 Pa - filter class F9

Heat-transfer coefficient - class T3

Thermal bridges factor- class TB3

Components were used to the production:

- main profile aluminium AROSIO (Italy)
- main corners for montage– AROSIO (Italy)
- sandwich panel 40 mm and 25 mm, metal sheet 2x0,5mm, inside foam PUR, Al-land (Poland)
- air filters bag or cassette – SFM Filtry Łuczak (Poland)
- rotary heat recovery exchanger – Klingenburg (Germany), HEATEX (Sweden), HOVAL (Germany) – certificates EUROVENT
- crossflow heat recovery exchanger - Klingenburg (Germany), HEATEX (Sweden), HOVAL (Germany) – certificates EUROVENT
- counterflow heat recovery exchanger – Klingenburg (Germany) – certificates EUROVENT
- heater, cooler, DX cooler, glycol– ROENEST (Italy)
- Fan AC and EC– ZiehlAbegg (Germany), Nicotra (Italy)
- motors– ZiehlAbegg (Germany), CAG (The Czech Republic)
- Switchgear power and control – ELPIAST (Poland)
- valve actuators – LUFBERG (The Czech Republic)
- inverters – Danfoss (Denmark)
- mineral wool 80kg/m3 – Rockwool (Poland)
- air dumpers – production VentiAir, profile AROSIO (Italy)
- drop eliminator – production VentiAir
- frame steel – thickness of steel 2mm
- gas heater – ICS (The Czech Republic)
- steam humidifier – Pego (Italy)
- accessories to rotor heat exchangers - IBC controls (Sweden)

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(imię, nazwisko i podpis osoby upoważnionej)
(name and signature authorized person)



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